



Iraq Reconstruction Report

A Weekly Construction & Sustainment Update

07.21.06



First Province Under Total Iraqi Control

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Welcome Arrival at Umm Qasr



The U.S. flagged Alliance New York, a "roll-on roll-off" car carrier, arrived at Port Umm Qasr on July 14th loaded with over 2,200 trucks and trailers for Iraqi Ministry of the Interior. The Alliance New York is most likely the largest vessel ever to arrive at the port.

(Photo by Jack Holly)

Project Dispatches

Tameen Railway Station Construction Completed

Construction is complete on the rehabilitation of the Tameen Railway Station in Al Tameen Province. The \$4.9M project included a project assessment and repair/replacement of the plumbing, heating and cooling, and electrical systems. The rehabilitation also repaired wiring and fixtures, roofing, windows, doors, a fuel station and security fencing. The cargo station is used for importing and exporting commodities such as oil and gas, and transporting postal cargo.

Before



After



Bayji Joint Command Center Provides for Better Communication

The Bayji Joint Command Center in Salah ad Din Province was completed on July 13th. The \$372,000 project renovated the existing Iraqi police station to house police on the first floor and provide a command center on the second floor. An additional police station on the compound also was renovated. This project will enhance the Iraqi police capabilities and create a better working environment for security forces. It will also provide better coordination and communication between the Iraqi police, the National Guard and the Ministry of Interior to track and analyze crime.



Gravel Road Project to Connect Towns

Construction started on two gravel road projects in Ninewa Province – Al Jazeera (\$172,000) and Ba'aj (\$227,500). The two projects are expected to be completed in August. The Al Jazeera project will lay 9 kilometers of gravel road to connect the cities of Al Jazeera and Kaytania. The Ba'aj project will lay 17 kilometers of gravel road to connect the cities of Ba'aj and Tal Apta. The projects will provide residents with a safer ride, reduced congestion, and offer access to schools and other services.



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Iraq's Western Border Becoming More Secure

By Norris Jones
Gulf Region Central District
US Army Corps of Engineers

AL ASAD, Iraq — Iraq's western border with Syria, Jordan and Saudi Arabia will now be more secure thanks to a continuous line of outposts that will be completed this month.

U.S. Army Corps of Engineers Gulf Region Central District (GRC) was responsible for overseeing that work which included 23 border forts overlooking nearly 600 kilometers of Iraq's remote western frontier. The final fort, Border Fort 32, located along the Saudi Arabian border, was recently completed.



A typical Iraqi border fort. (Gulf Region Division Photo)

Each of those castle-like, one-story structures, built by a crew of about 20 Iraqis, measures 24.25 meters by 19.5 meters. They are reinforced concrete masonry buildings with upper level windows for more light. Every border fort features a dormitory area, kitchen, armory, observation posts, perimeter security lighting, berms, offices, showers, as well as electrical and plumbing services provided by on-site twin 50kV generators and six 250-gallon water tanks. Additionally, each facility is manned by 20 to 40 Border Police at all times.

"Border security is extremely important," said Lt. Commander Damon Lilly, Officer in Charge of GRC's Al Asad Resident Office in Al Anbar Province, who worked with the Iraqi contractors to ensure the border forts were completed. "Those facilities offer a secure environment for border police who have a very difficult job in some of the most hostile, desolate areas of Iraq. The 590 kilometers of border terrain is an arid desert with temperatures rising to over 130 degrees Fahrenheit in the summer. It was a difficult challenge"

First Province Under Total Iraqi Control

Story and photo by Spc. Rick Rzepka
124th Mobile Public Affairs Detachment

SAMAWAH, Iraq — Hundreds gathered in Samawah, the capital of al-Muthanna province in southern Iraq, to witness the formal passing of responsibility for security and governance from Coalition forces to Iraqi control today.



Iraqi security forces celebrate at a ceremony in Samawah, in southern Iraq, on July 13.

Al-Muthanna is the first of Iraq's 18 provinces to have complete responsibility for its own security.

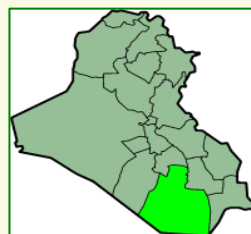
Iraqi Prime Minister Nouri al-Maliki attended the ceremony along with other Iraqi government officials. Air Force Major Gen. Kurt A. Cichowski, Multi-National Force – Iraq deputy chief of staff for strategy, plans and assessment, also attended the ceremony and said al-Muthanna's success is an important step forward for Iraq.

"First one down, 17 to go," said Cichowski who oversaw the effort leading up to the transfer. .

"Next week we start working on the rest of them," he said.

British and Australian troops are slated to move their operations to other areas of the country, while more than 600 Japanese troops are already in the process of deploying home.

Since January, more than 3,000 police officers and 1,800 Iraqi Soldiers from the 2nd Battalion, 10th Iraqi Army Brigade have been trained to handle al-Muthanna's security. Citizens, policemen and Soldiers attending the ceremony cheered and pumped their fists in jubilation after Al-Maliki promised unwavering government support to the province of more than 500,000. "We promise to give you what you need to fight the terrorists," al-Maliki said.



Al-Muthanna borders Saudi Arabia. Its capital is Samawah. It also contains the ancient Sumerian ruin of Uruk which is possibly the source of the name Iraq.

Sector Overview: Current Status – End State

Compiled By: John Daley, PCO Washington

As of: July 14, 2006

- Over \$9.1 billion of the Iraq Relief and Reconstruction Fund (IRRF) has been disbursed by DoD, representing nearly 68% of total funds allocated to DoD
- 3,146 projects starts (out of 3,410 planned projects). This number includes covers the DoD projects funded by the IRRF (including MNSTC-I) and the Development Fund for Iraq (DFI)
- 2,431 projects are complete

Sector	Current Status	End State
Electricity	1,459 MW capacity added* Increased power generation to 1.3 million homes* Improved Electricity Distribution to approximately 280K Homes*	1,970 MW capacity added* (2,927 for all USG projects) Increased power generation to 1,400K Homes* Improved Electricity Distribution to approximately 720K Homes*
Oil	2.5 Million Barrels Per Day (MBPD) production capacity 2.2 MBPD actual production Natural Gas Production Capacity of 600M standard cubic feet/day	3.0 MBPD crude oil capacity Natural Gas Production Capacity of 800M standard cubic feet/day
Water & Sewer	Added 226,000 cubic meters per day of water treatment capacity (benefits an estimated 1.4 million Iraqis)*	Additional 1,245,000 cubic meters per day of water treatment capacity (will benefit approximately 5.8 million Iraqis*. All USG projects will benefit 9.2 million Iraqis)
Health	Six IRRF funded Primary Healthcare Centers (PHC) completed (two of these are open) and 10 DFI funded centers completed	Population of 5 to 6.5 million Iraqis served by completed primary healthcare centers
Education	833 schools providing classrooms for 325,000 students*	843 schools providing classrooms for 330,000 students*
Security & Justice	339 police facilities completed 26 courthouses completed 244 border forts completed	399 police facilities 37 courthouses 250 border forts
Transportation	197 Kilometers (KM) of planned improved village roads Provided emergency response dispatch system ('911' service) covering 12 million Iraqis in 15 cities	424 KM of improved village roads 157 KM of improved major roads Provided emergency response dispatch system ('911' service) covering 12 million Iraqis in 15 cities

* GRD-PCO Contribution (does not include impact of other agencies' projects unless stated otherwise)

Source: Multiple GRD-PCO Management Reports

Marines Help Build, Save School

Story and photo by Cpl. Antonio Rosas
1st Marine Division

KARBILAH, Iraq — Thanks to the work of Marines and Iraqi security forces, 800 elementary-aged girls will now have a school to attend this fall.

Marines from 1st Battalion, 7th Marine Regiment unveiled a brand-new grade school in this city of about 30,000 on the Iraq-Syria border in western al-Anbar province on July 7. About one week before its ribbon cutting, insurgents planted an improvised explosive device inside the school that would have leveled a good portion of the building, destroying nearly three months of work by Marines and locals, said Gunnery Sgt. Joseph S. Mallicoat, team leader for the civil affairs team here. "The bomb had the potential of taking down both wings of the building and the school would have been unable to open by September," said Capt. Rick Bernier, commanding officer of Company C - the Marines responsible for providing security alongside Iraqis in this city.



Marines from the 7th Marine Regiment stand post during the grand opening of a grade school in Karbilah. A week before its opening, insurgents planted an improvised explosive device inside the school which would have leveled a good portion of the building, destroying nearly three months of work by Marines and locals.

The Marines discovered the bomb and secured the building leaving Iraqi security forces to provide 24-hour security. The bomb was later disarmed. Local tribal leaders and sheikhs attended the school's grand opening and expressed thanks to the Marines of 3rd Civil Affairs Group, who obtained the necessary manpower to reconstruct the building.

Story Continued on Page 5.

School, Mill Boost Tikrit Economy

Story and photo by Sgt. Waine D. Haley
133rd Mobile Public Affairs Detachment

TIKRIT, Iraq — The seeds of trade and industry are taking root and springing to life as Iraqi leaders and Coalition forces dig in and try to bring new life to Iraq's economy.

U.S. Army Capt. Daniel Cederman, projects officer for the 402nd Civil Affairs Detachment, and Kadhin Nori Abid, Ph.D., expert in vocational education representing the government of Salah Ah Din province, are working together to build a self-sustaining economy in Tikrit and the surrounding areas of Iraq. One of the many projects the pair is managing is the building of an industrial vocational school in the Tikrit area.

The school's curriculum will educate men and women in multiple occupational fields such as the production of high-tech products, plastic production technology, masonry, carpentry, petroleum equipment maintenance and repair, farm machinery



Capt. Daniel Cederman and Kadhin Nori Abid, Ph.D., look over plans for rebuilding the Tikrit industrial vocational school.

and automotive repair. The school's curriculum will help its graduating students find work in jobs ranging from the oilfields in Bayji to textile mills that will produce uniforms for the Iraqi Army and Police. This will help with local jobs and national oil production, in turn, helping the local and national economy. The school owns a textile mill where many of the graduates will work producing the uniforms.

The mill is scheduled to begin producing and selling products within the year, with the profits from the mill funding the school. The vocational school's operation, support and funding are modeled after a system South Korea used in another part of Iraq. The curriculum is being co-sponsored by companies in the U.S. that provide donations and educate Iraqi instructors.

Abid says the school will employ about 50 instructors, and the textile mill will employ 100 workers and 50 administrative personnel.

Water for Ninewa Province

By Claude D. McKinney
Gulf Region North
US Army Corps of Engineers

Tikrit, Iraq — Nine new wells go on line in Ninewa Province.

Just north and some east of the Tigris River, between the river and the snow laden mountains of Turkey, lies a portion of Iraq which historically has made little use of its surface water. These northern rolling plains of Ninewa Province are now getting water for its growing population. This past week nine well projects were completed. Each well is capable of providing more than 10,000 gallons of water per day. These wells are a welcome relief to the little-known villages with uncommon names - villages like Tob Zowah, Umerkabji, B'asheka, and Tak Melkaeel.

There is surface water available to the farmer willing and able to dig for it. By digging a "ramp well" into the ground between 20 and 60 meters deep a desert farmer can often access an aquifer of surface water. This surface water however is generally contaminated by the century's old waste water sanitation practices. Digging such a well is a major undertaking and not affordable to many peasant farmers. However, where water is available the desert grows fine crops. The most common crop is wheat, but others include "truck farm" vegetables.

These newly completed wells are intended to provide water for domestic use and not for agriculture. Each well is from 150 - 220 meters deep, and brings drinkable water right from the ground. These nine projects are the latest in the set of 44 well projects that have been completed in Ninewa Province.

These nine are providing potable water to more than 25,000 people. Altogether these 44 wells are providing water to approximately 100,000 citizens of Iraq.



One of the 44 Ninewa well facilities.

Each of these new well projects consists not only of the pipe in the ground, but also a pump house and an 800 gallon storage tank. The pump house encloses the well head, a pump, fuel storage for the diesel engine which powers the pump, a chlorinator, and associated instruments and operating mechanisms to run the system.

"Of all the reconstruction projects I work with, water projects provide the most immediate life change for the people of Iraq," said Sheryl Leeper, the Area Engineer responsible to oversee the water efforts. "A reliable supply of water is so important to the common Iraqi citizen's way of life and health," Leeper said.

In many of these villages this is the first flowing water they have ever had, so their dwellings are not plumbed with water pipes. That improvement will have to be satisfied in the future. The first step is to make potable water available.

Marines Help Build/Save School...Story Continued

"I want to thank the Coalition forces on behalf of all of the people of Karabilah for finishing the school very fast and for supporting the construction of a fine place," said Mohammed Ahmed Selah, mayor of Karabilah.

The mayor and the Marines agree that the school's neighborhood is relatively safe, although there is still the threat of IEDs, according to Bernier.

"We are capturing more of the bad guys with a higher level of expertise in IED-making and that leaves a lot of insurgents with minimal experience in making the bombs," said Bernier. "One guy blew himself up last week trying to plant an IED."

Clean Up in Karada



U.S. Army 1st Lt. Jared Miller, 4th Infantry Division greets local citizens during the final stage of cleaning Baghdad's Karada Peninsula, as part of the citywide "Operation Baghdad is Beautiful." The citizens expressed their support of the project, which included clearing local roads and cleaning the area. (Photo by Spc. Rodney Foliente)

Iraq Reconstruction Report

Iraqi Communities Benefit From Projects

Story & Photo by Spc. William Jones
133rd Mobile Public Affairs Detachment

TIKRIT, Iraq — One Iraqi community after another is benefiting from the efforts of people working together to improve the infrastructure of Iraq after years of neglect and war and at the same time putting the labor force back to work.

These behind-the-scenes people are working closely with the local Iraqi leadership to decide the order community improvement projects need to be completed and how much funding is available.

Maj. Christine Nagy, Projects Purchasing Officer, 402nd Civil Affairs Battalion, attached to the 3rd Brigade Combat Team, 101st Airborne Division, stationed at Contingency Operating Base (COB) Speicher near Tikrit, Iraq, is a key player in deciding which projects will be worked on first. She also has her hand on the proverbial purse strings.

"I manage a pot of money called [Commander's Emergency Relief Project]", said Nagy. "I recommend projects [to the brigade commander] to approve and the task forces go out and execute these projects."

Nagy attends regular meetings at the Provincial Reconstruction Development Committee which meets in the city of Tikrit to discuss the status of ongoing projects and to decide which projects are next on the committee's agenda.

The committee may discuss everything from roads and bridges to water and sewage. Standing members on the board are members of the 402nd Civil Affairs team, the U.S. Army Corps of Engineers and local provincial leaders.

And whatever the project may be, a local contractor will likely be doing the actual work with a Coalition forces member overseeing it. The end result is a higher standard of living for the residents of the province as well as more money for the local economy.

Capt. Jonathan Walden, Projects Officer, 3rd Brigade Combat Team, 101st Airborne Division, ensures contractors who have completed a phase of work are paid. In a trailer on the edge of COB Speicher, contractors have lined up to receive an honest day's pay for an honest day's work. One of those present recently completed work on a school and another completed a sidewalk project in the nearby city of Ad Dwar.



Maj. Christina Nagy, Projects attends a Provincial Reconstruction Team meeting in Tikrit, Iraq where they are discussing infrastructure improvements for the province.

"This helps to improve their infrastructure and it gives them an economic base," said Walden. "Since Desert Storm [in 1991], a lot of destruction happened in the country of Iraq and not a lot of reconstruction happened. We get a chance to put money into the economy, give jobs to the people and repair a lot of the destruction that happened."

Possible future provincial projects include a water bottling plant, textile mill, plastic manufacturing plant, which will produce syringes and blood plasma bags, and a vocational school to prepare students for work in these factories.

How Do You Spell Relief? ... "P-o-o-l"



Soldiers from the 172nd Stryker Brigade Combat team, assemble an inflatable pool at a boys orphanage north of Mosul, Iraq that was donated by the U.S. military. (Photo by Spc. L.C. Campbell)

Khalis Commemorates New Sewer Services

By Sgt. Zach Mott, 3rd HBCT,
4th Inf. Div. PAO

KHALIS, Iraq — Iraqi citizens welcomed the addition of a new sewer system to this village northeast of Baqubah in a ceremony on July 16th. A 321-meter sewer line, along with eight adjoining manhole covers, were built to serve the local merchants and more than 100 citizens in this area.

“Without ... basic sanitation services, people would just be either throwing stuff out in the street or dumping it in their backyard, which is unclean,” said Capt. Darren Plotts, civil affairs team leader, Company B, 404th Civil Affairs Battalion, which is attached to 1-68 Combined Arms Battalion, 3rd Heavy Brigade Combat Team, 4th Infantry Division.

This is one of three infrastructure facilities to open in recent weeks in Diyala Province. Other projects include a water treatment facility in Hibhib and an electrical substation in Baqubah.

“This is all part of the city council’s efforts to try to improve the health situation here in Khalis and take care of the good people of Khalis,” said Lt. Col. Thomas Fisher, commander, 1-68 CAB. Civil affairs teams help commanders, such as Fisher, work with local governments to determine what the needs of those communities are and develop ways to meet these needs.

“This is part of the reason I joined the Army in the first place,” Plotts said. “It makes me feel like I’m making a difference in this small part of the province.”



Iraqi contractors recently completed a project to install eight manhole covers and 321 meters of sewage piping in Khalis, Iraq. The project took two months to complete and will provide service to local residents in this town northeast of Baqubah.



Capt. Todd Looney, center, commander, Company C, 1-68th Combined Arms Battalion, 3rd Heavy Brigade Combat Team, 4th Infantry Division, Task Force Band of Brothers, and 2nd Lt. Silki Cho, Co. C, 1-68 CAB, speak with a merchant in Khalis, Iraq, about the improvements the new, 321-meter sewage line will provide in his neighborhood.



Following the ribbon cutting ceremony to open a new, 321-meter sewer line in Khalis, Iraq, Capt. Darren Plotts, civil affairs team leader, Company B, 404th Civil Affairs Battalion which is attached to 1-68th Combined Arms Battalion, and Lt. Col. Thomas Fisher, commander, 1-68 CAB, congratulate Khalis Deputy Mayor Allah as some residents of the town cheer the new service.

News Note: Iraq, U.S. Sign Commercial Cooperation Agreement

- Iraq and the U.S. signed a commercial cooperation agreement Monday that commits the U.S. to helping Iraq reform its state-dominated economy, attract foreign investment and jump-start its private sector. Iraq Trade Minister Abed Falah al-Sudani, said the pact, “encourages the Iraqi economy to move from centralized economy to free economy.” U.S. Commerce Secretary Carlos Gutierrez, present at the agreement signing, said “Our focus in the beginning will most likely be developing local domestic investment and then over time see foreign investment looking seriously at Iraq.” Gutierrez also said the U.S. also plans to establish a program to help Iraq develop laws to create “a business-friendly legal and tax environment that will be conducive to investment.”

A Reconstruction Partnership



Office of the Assistant Secretary of the Army (ASA) for Acquisition, Logistics and Technology (ALT)

<https://webportal.saalt.army.mil/main/aae.htm>

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Principal Deputy to the ASA (ALT)/Director of Iraq Reconstruction and Program Management: *Mr. Dean Popps*



US Army Corps of Engineers - Gulf Region Division <http://www.grd.usace.army.mil/index.html>

Commanding General: *Maj. Gen. William H. McCoy, Jr.*

Iraq Project & Contracting Office

<http://www.rebuilding-iraq.net>

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Director-Washington: *Mr. James M. Crum*



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JCC-IA provides responsive operational contracting support to the Chief of Mission and Multi-National Corps - Iraq to efficiently acquire vital supplies, services and construction in support of the Coalition Forces and the relief and reconstruction of Iraq.

Commander: *Maj. Gen. Darryl A. Scott*



Office of the Assistant Deputy Assistant Secretary of the Army (Policy and Procurement), Iraq

DASA(P&P)-I provides the necessary administrative and contracting support to the Chief of Mission, Project and Contracting Office, Multi-National Forces, and supports the humanitarian relief, reconstruction, and security of Iraq.

ADASA(P&P)-I: *Mr. Lee Thompson*



For further Iraq reconstruction and sustainment information:

U.S. Agency for International Development: <http://www.usaid.gov/iraq>

U.S. Department of Commerce: <http://www.export.gov/iraq>

U.S. Embassy in Iraq: <http://iraq.usembassy.gov>

U.S. Central Command: <http://www.centcom.mil>

Multi-National Force – Iraq: <http://www.mnf-iraq.com>

Multi-National Security Transition Command – Iraq: <http://www.mnstci.iraq.centcom.mil/>



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